

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	20	(1771928 2205854 2607675 2647826 2816828 2823991 2827371 2835567 2846303 2846304 2882143 2882144 2890112 2895823 2915382 2941867 2944888 3058820 3067025 3085871).pn.	USPAT	ADJ	ON	2009/07/23 13:33
L3	16	(3085872 3113017 3331666 3519258 3535109 3650681 3825415 3836302 3847596 3867515 3919087 3927993 3943751 3966460 4007055 4009007).pn.	USPAT	ADJ	ON	2009/07/23 13:35
L4	1	("4017302").pn.	USPAT	ADJ	ON	2009/07/23 13:35
L7	14	("4017302" "4070252" "4128421" "4141719" "4149876" "4190442" "4331477" "4379718" "4401467" "4402741" "4414188" "4423004" "4425217" "4432813").pn.	USPAT	OR	ON	2009/07/23 13:36
L8	21	("445931" "4454169" "4518426" "4519837" "4521281" "4555268" "4556420" "4604368" "4606902" "4687632" "4689129" "4725312" "4828008" "4830665" "4839120" "4877445" "4897116" "4902341" "4915729" "4923577" "4940490" "4941646").pn.	USPAT	OR	ON	2009/07/23 13:38
L9	18	("4985069" "5028491" "5032176" "5055280" "5064463" "5082491" "5147451" "5149497" "5160428" "6164346" "5167271" "5176741" "5176810" "5211741" "5259862" "5338379" "5356120" "5427602").pn.	USPAT	OR	ON	2009/07/23 13:39
L10	18	("5437854" "5439750" "5448447" "5460642" "5498446" "5580516" "5637816" "5779761" "5897830" "5914440" "5948495" "5951822" "5954856" "5958106" "5986877" "5993512" "6010661" "6027585").pn.	USPAT	OR	ON	2009/07/23 13:40

L11	31	("6040975" "6099664" "6103651" "6136062" "6180258" "6193779" "6210461" "6238456" "6309570" "6309595" "6409797" "6432161" "6488073" "6502623" "6602482" "6689187" "6727005" "6745930" "6824585" "6861038" "6884522" "6902601" "6921510" "6955703" "7041150" "4351272" "7410610" "7435282" "7445658" "7501007" "7501089").pn.	USPAT	OR	ON	2009/07/23 13:41
L12	5	H1642	USPAT	OR	ON	2009/07/23 13:42
L13	7	RE32260	USPAT	OR	ON	2009/07/23 13:42
L15	22	"20020050185" "20020152844" "20030061907" "20030145682" "20040123700" "20050081682" "20050150576" "20050225014" "20050284824" "20060086435" "20060107790" "20060123950" "20060150769" "20060230878" "20070017319" "20070079908" "2007080951" "20080031766" "20080152533" "20080187455" "20080199348" "20070180952" "20060102255"	US-PGPUB	OR	ON	2009/07/23 13:44
L38	146	L2 or L3 or L7 or L8 or L9 or L10 or L11 or L12 or L13	USPAT	ADJ	ON	2009/07/23 13:47
L39	26	(US-20020148327-\$ or US-20020152844-\$ or US-20030061907-\$ or US-20030145682-\$ or US-20080250901-\$ or US-20070295167-\$ or US-20070181435-\$ or US-20050284824-\$ or US-20050115363-\$).did. or (US-2846303-\$ or US-6409797-\$ or US-5779761-\$ or US-5958106-\$ or US-5259862-\$ or US-6224648-\$).did. or (US-2993000-\$ or US-2846304-\$ or US-2846303-\$ or US-2835568-\$ or US-3736132-\$ or US-3004848-\$ or US-2950963-\$ or US-2915382-\$ or US-2847297-\$).did. or (AU-8543017-\$ or US-20020005090-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/23 13:47
L40	141	L38 not L39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 13:48

L41	116	(L40 or L39) and (titanium or til)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 13:48
L42	49	L40 not L41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 13:48
L43	1	"10526918"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 14:00
L44	40	(Richard near2 Anderson).in/	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:31
L45	43	(Donn near2 Armstrong).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:31
L46	64	(Lance near2 Jacobsen).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:31

L49	122	L44 or L45 or L46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:31
L50	14	L49 and ("2008" or "2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:31
L51	21	(international titanium powder).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:32
L52	28	L50 or L51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:32
L53	729	75/613,614,616,617,620,407,408.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:54
L54	122	205/398.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:54

L55	4534	210/767,768,770,772,773,774.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:54
L56	5365	L53 or L54 or L55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:55
L57	17	L56 and ("2008" or "2009").py. and (titanium or ti!) same (separat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:55
L65	1988	B01D011/02	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L66	676	B01D035/18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L67	1190	B01D037/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57

L68	1013	C22B009/02	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L69	750	C22B034/12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L70	1166	M25-G24\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L71	6735	(L65 or L66 or L67 or L68 or L69 or L70)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:57
L72	429	L71 and ("2008" or "2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:58
L73	76	L72 and (titanium or til) same (separat\$4 or filter\$4 or filtrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:58

L75	21	L56 and ("2008" or "2009").py. and (titanium or til) same (separat\$4 or filter\$4 or filtrat\$4 or decant\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:58
L76	90	L73 or L75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/23 16:59
S1	20	(2205854 2586134 2755240 2794733 2794844 2845366  2880149 2890112 4487677 5089094 6074545 6409797  7351272 5914440 5427602 5259862 4379718 2890112  2846303 2835567 2816828).pn.	USPAT	ADJ	ON	2008/11/13 15:13
S2	3	(20080087139 20080031766 20060123950)	US-PGPUB	ADJ	ON	2008/11/13 15:14
S3	1	WO "9604407"	DERWENT	ADJ	ON	2008/11/13 15:15
S4	1	WO "9833956"	DERWENT	ADJ	ON	2008/11/13 15:15
S5	1	WO "9964638"	DERWENT	ADJ	ON	2008/11/13 15:15
S6	1	JP "2001192748"	DERWENT	ADJ	ON	2008/11/13 15:15
S7	1	JP "2003306725"	DERWENT	ADJ	ON	2008/11/13 15:15
S8	1	WO "2005035806"	DERWENT	ADJ	ON	2008/11/13 15:15
S9	1	AU "8543017"	DERWENT	ADJ	ON	2008/11/13 15:15
S10	1	WO "2008039047"	DERWENT	ADJ	ON	2008/11/13 15:16
S11	1	WO "2008013518"	DERWENT	ADJ	ON	2008/11/13 15:16

S12	1	WO "2007089400"	DERWENT	ADJ	ON	2008/11/13 15:16
S13	1	WO "2006098199"	DERWENT	ADJ	ON	2008/11/13 15:16
S14	1	WO "2005035805"	DERWENT	ADJ	ON	2008/11/13 15:16
S15	1248	(Richard near2 Anderson).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 15:19
S16	42	(Donn near2 Armstrong).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 15:20
S17	62	(Lance near2 Jacobsen).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 15:20
S18	157	(S15 or S16 or S17) and (titanium or til)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 15:20
S19	22	(Twacg or International Titanium Powder or National Titanium Dioxide).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 15:57

S20	328	(Ogasawara near2 Tadashi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:48
S21	720	(Yamaguchi near2 Makoto).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:48
S22	283	(Hori near2 Masahiko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:48
S23	93	(Uenishi near2 Toru).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:48
S24	122	(Takemura near2 Kazuo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:48
S25	1125	(Sumitomo adj2 Titanium).as. or (Osaka adj2 Titanium).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:49

S26	2339	S20 or S21 or S22 or S23 or S24 or S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:49
S27	306	S26 and (titanium or til) and (filter\$4 or separat\$4 or isolat\$4 or remov\$4 or segregat\$4 or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:50
S28	16	S27 and (sodium or na) same (liquid or molten)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 16:59
S29	304	75/617,620.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:16
S30	222	S29 and (titanium or til)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:16
S31	43	75/408.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:16

S32	146	S29 and (sodium or na!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:20
S33	156	S30 and (filter\$4 or separat\$4 or isolat\$4 or remov\$4 or segregat\$4 or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:20
S34	59	(US-20080087139-\$ or US-20080031766-\$ or US-20060123950-\$ or US-20080187455-\$ or US-20020005090-\$ or US-20020148327-\$ or US-20020152844-\$ or US-20030061907-\$ or US-20030145682-\$ or US-20060086435-\$ or US-20080250901-\$ or US-20080217184-\$ or US-20080053838-\$ or US-20070295167-\$ or US-20070181435-\$). did. or (US-2794844-\$ or US-5427602-\$ or US-2586134-\$ or US-6074545-\$ or US-5089094-\$ or US-4379718-\$ or US-2890112-\$ or US-2846303-\$ or US-2816828-\$ or US-2835567-\$ or US-6409797-\$ or US-2794733-\$ or US-2205854-\$ or US-7351272-\$ or US-5914440-\$ or US-4487677-\$ or US-2880149-\$ or US-2755240-\$ or US-5259862-\$ or US-2845366-\$ or US-7445658-\$ or US-5779761-\$ or US-5958106-\$ or US-6861038-\$). did. or (WO-9604407-\$ or WO-2004022799-\$ or WO-2004022798-\$ or WO-2004033737-\$ or WO-2004033736-\$ or EP-1873265-\$). did. or (JP-2008088513-\$). did. or (WO-9604407-\$ or WO-9833956-\$ or WO-9964638-\$ or JP-2001192748-\$ or JP-2003306725-\$ or WO-2005035806-\$ or AU-8543017-\$ or WO-2008039047-\$ or WO-2008013518-\$ or WO-2007089400-\$ or WO-2006098199-\$ or WO-2005035805-\$ or WO-2008041407-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/11/13 17:21
S35	153	(S32 or S33) not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 17:21

S36	232	75/613,614,616.ccls. not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:49
S37	13	S36 and (titanium or ti!) and (sodium or na!) near5 (molten or melt or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:49
S38	117	205/398.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:52
S39	73	S38 and (separat\$4 or filtrat\$4 or filter\$4 or remov\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:52
S40	59	S39 and (sodium or na!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:53
S41	2662	210/767,770,772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:58

S42	25	S41 and (titanium or ti!) and (sodium or na!) same (liquid or molten or melt or fused)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 18:58
S43	609	C22B034/12.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:00
S44	1103	M25-G24\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:00
S45	948	C22B009/02.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:01
S46	63	S45 and (titanium or ti!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:01
S47	130	(S43 or S44) and (titanium or ti!) and (sodium or na!) and (filter\$4 or filtrat\$4 or separat\$4 or segregat\$4 or remov\$4 or concentrate or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:15

S48	18	(4331477 4877445 3650681 4902341 4839120 3919087 4379718 3867515 5437854 5176810 4445931 4519837 4454169 4425217 4007055 3943751 3297993 5032176).pn.	USPAT	ADJ	ON	2008/11/13 19:32
S49	2186	(separating or separation or filter\$4 or recover\$4 or isolat\$4 or remov\$4) same (titanium or ti!) same (particle or powder) and (sodium or na!) near10 (liquid or molten or melt\$4 or fused)\	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 19:34
S50	1812	(separating or separation or filter\$4 or recover\$4 or isolat\$4 or remov\$4) same (titanium or ti!) same (particle or powder) and (sodium or na!) near10 (liquid or molten or melt\$4 or fused) and (reduc\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 19:35
S51	464	S50 and ("210".clas. or "205".clas. or "75".clas. or C22B\$8.ipc)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 19:36
S52	42	(separating or separation) near10 (titanium or ti!) near5 (particle or powder) and (sodium or na!) near10 (liquid or molten or melt\$4 or fused) and (reduc\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 19:36
S53	43	(separating or separation) near10 (titanium or ti!) near5 (particle or powder) and (sodium or na!) near10 (liquid or molten or melt\$4 or fused)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 19:36
S54	10	(Kroft\$3Brakston).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:42
S55	9	"4830665"	USPAT	ADJ	ON	2008/11/14 14:15
S56	207	75/407,408.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/14 14:54

S57	204	75/611,612,613,614,616.ccls. and (reduc\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/14 14:55
S58	4736	210/767,768,769,772,773,774,779,770,772.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 17:31
S59	239	75/408-412.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 17:39
S60	13	"2997402"   "4317679"   "4343704"   "4390364"   "4790873" "5104095"   "5122184"   "5226950"   "5336295"   "5569845"   "5673902").PN. OR ("6036743").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 17:41
S61	22	"2840463"   "2863558"   "3025155"   "3039864"   "3737303" "3737304"   "3737305"   "4067731"   "4384888"   "4769158"   "4790873").PN. OR ("5122184").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 17:44
S62	18	("0811522"   "2987391"   "3694190"   "3798024"   "3801003" "3846123"   "4024056"   "4073644").PN. OR ("4379718"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 17:47
S63	622	75/611,612,613,614,616,617,620.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 18:05

S64	325	75/611,612,613,614,616,617,620.ccls. and (filter\$4 or separat\$4 or remov\$4 or decant\$8 or concentrate or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 18:05
S65	325	S64 not S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 18:05
S66	267	75/611,612,613,614,616,617,620.ccls. and (filter\$4 or separat\$4 or remov\$4 or decant\$8 or concentrate or concentrating) same (sodium adj2 chloride or NaCl or salt or particulate or particle or powder or solids!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 18:06
S67	53	(US-20080087139-\$ or US-20080031766-\$ or US-20060123950-\$ or US-20080187455-\$ or US-20020005090-\$ or US-20020148327-\$ or US-20020152844-\$ or US-20030061907-\$ or US-20030145682-\$ or US-20060086435-\$ or US-20080250901-\$ or US-20080217184-\$ or US-20080053838-\$ or US-20070295167-\$ or US-20070181435-\$ or US-20070022841-\$).did. or (US-4379718-\$ or US-2846303-\$ or US-6409797-\$ or US-7351272-\$ or US-5914440-\$ or US-7445658-\$ or US-5779761-\$ or US-5958106-\$ or US-6861038-\$ or US-4820339-\$ or US-3919087-\$ or US-6117208-\$ or US-6036743-\$ or US-5122184-\$ or US-4246106-\$).did. or (US-2993000-\$ or US-2846304-\$ or US-2846303-\$ or US-2835568-\$).did. or (WO-9604407-\$ or WO-2004022799-\$ or WO-2004022798-\$ or WO-2004033737-\$ or WO-2004033736-\$ or EP-1873265-\$ or WO-2004048622-\$).did. or (JP-2008088513-\$).did. or (WO-9604407-\$ or WO-2005035806-\$ or AU-8543017-\$ or WO-2008039047-\$ or WO-2008013518-\$ or WO-2007089400-\$ or WO-2006098199-\$ or WO-2005035805-\$ or WO-2008041407-\$ or US-20020005090-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/11/18 18:07

S68	251	S66 not (S67 or S59)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 18:07
S69	7	("3736132").URPN.	USPAT	ADJ	ON	2008/11/18 18:51
S70	5	("3004848").URPN.	USPAT	ADJ	ON	2008/11/18 18:51
S71	5	"2827371".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:33
S72	2	("2827371").URPN.	USPAT	ADJ	ON	2008/11/18 19:35
S73	64	S60 or S61 or S62 or S69 or S70 or S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:35
S74	4729	S58 not (S65 or S68 or S73)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:40
S75	263	S74 and (molten or liquid) near5 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:41

S76	1916130	salt or (magnesium or sodium or calcium or barium or potassium) adj2 chloride or (NaCl or KCl or BaCl2 or "BaCl.sub.2" or CaCl2 or "CaCl.sub.2") or (alkali or alkaline) near5 (halide or chloride or salt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:43
S77	129	S75 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:44
S78	68	S74 and molten near10 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:45
S79	179240	molten near10 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:48
S80	24746	S76 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:48
S81	20225	S80 and (filter\$4 or separat\$4 or remov\$4 or decant\$8 or concentrate or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:49

S82	6800	S81 and (increas\$4 or rais\$4 or boost\$) near5 (temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:49
S83	850	S82 and ("210".clas. or "75".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:50
S84	749	S83 and (sodium or magnesium or calcium or barium or potassium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:51
S85	669	S84 not (S65 or S68 or S73 or S78)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:52
S86	176	S85 and (drain\$4 or decant\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:52
S87	1128791	((drain\$8 or decant\$8) or (remov\$4 near5 (molten or liquid) near3 metal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:53

S88	4362	S87 and S76 and S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:54
S89	3668	S88 and (sodium or magnesium or calcium or barium or potassium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:54
S90	533	S89 and (C22B034/12.ipc. or C22B009/02.ipc. or B01D037/00.ipc. or B01D035/18.ipc. or 210/767-779.ccls. or 75/392-709.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:55
S91	747738	(magnesium or sodium or calcium or barium or potassium) adj2 chloride or (NaCl or KCl or BaCl <sub>2</sub> or "BaCl.sub.2" or CaCl <sub>2</sub> or "CaCl.sub.2") or (alkali or alkaline) near5 (halide or chloride or salt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:56
S92	34944	(C22B034/12.ipc. or C22B009/02.ipc. or B01D037/00.ipc. or B01D035/18.ipc. or 210/767-779.ccls. or 75/392-709.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:57
S93	352958	(molten or liquid) near5 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:57

S94	7709203	(filter\$4 or separat\$4 or decant\$8 or concentrate or concentrating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:57
S95	1121	S91 and S92 and S93 and S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 19:58
S96	948	C22B009/02.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:02
S97	34	S96 and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:03
S98	532	S96 and (S91 or S93)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:03
S99	1645	210/773,774.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:09

S100	118	S99 and (molten or liquid) near5 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:09
S101	1707	B01D011/02.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:11
S102	546	B01D035/18.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:11
S103	2620	B01D037/\$4.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:11
S104	4856	(S101 or S102 or S103)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:12
S105	181	S104 and (molten or liquid) near5 (metal or sodium or alkali or alkaline or magnesium or calcium or na! or ca! or mg!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:12

S106	285	S100 or S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:12
S107	234	S106 not (S65 or S68 or S73 or S78)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:12
S108	11491	(molten or liquid) near5 (sodium or calcium or magnesium or barium or potassium or metal) same (wash\$4 or melt\$4 or purge or purged or purging or pass or passed or passing or flow or flowing) same (filter adj2 cake or powder or particulate or precipitate) same (fuse or fusing or melt\$4 or dissolv\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:34
S109	7211	(molten) near5 (sodium or calcium or magnesium or barium or potassium or metal) same (wash\$4 or melt\$4 or purge or purged or purging or pass or passed or passing or flow or flowing) same (filter adj2 cake or powder or particulate or precipitate) same (fuse or fusing or melt\$4 or dissolv\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:35
S110	1133	(molten) near5 (sodium or calcium or magnesium or barium or potassium) same (wash\$4 or melt\$4 or purge or purged or purging or pass or passed or passing or flow or flowing) same (filter adj2 cake or powder or particulate or precipitate) same (fuse or fusing or melt\$4 or dissolv\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:35
S111	1020	(molten) near5 (sodium or calcium or magnesium or barium or potassium) same (wash\$4 or melt\$4 or purge or purged or purging or pass or passed or passing or flow or flowing) same (filter adj2 cake or powder or particulate or precipitate) same (fuse or fusing or melt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:36

S112	552	(molten) adj2 (sodium or calcium or magnesium or barium or potassium) same (wash\$4 or melt\$4 or purge or purged or purging or pass or passed or passing or flow or flowing) same (filter adj2 cake or powder or particulate or precipitate) same (fuse or fusing or melt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:36
S113	1507	(molten or liquid) adj2 (sodium or calcium or barium or potassium or magnesium) same filter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:37
S114	1029	S113 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:37
S115	82	S113 and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:38
S116	2	JP "02008332"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:49
S117	2	JP "07252550"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:49

S118	0	JP "31007808"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:49
S119	8	US "6409797"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:49
S120	2	US "4379718"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:50
S121	3	US "3867515"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:50
S122	2	US "5437854"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:50
S123	19	S116 or S117 or S118 or S119 or S120 or S121 or S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/18 20:51
S124	9	("3212282"   "3232069"   "3628341"   "4332599"   "6224648" "6495044"   "6780206").PN. OR ("7425273").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 21:19

S125	2	"20050115363"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 21:19
S126	7	("3736132").URPN.	USPAT	ADJ	ON	2008/11/19 10:08
S127	5	("3004848").URPN.	USPAT	ADJ	ON	2008/11/19 10:14
S128	3	("2846303").URPN.	USPAT	ADJ	ON	2008/11/19 10:24
S129	2	EP "1441039"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:25
S130	2	WO "9824575"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S131	2	JP "05078762"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S132	2	US "4414188"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26

S133	2	US "4604368"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S134	6	US "4839120"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S135	2	US "3919087"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S136	14	US "5958106"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:26
S137	38	S126 or S127 or S128 or S129 or S130 or S131 or S132 or S133 or S134 or S135 or S136	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:27
S138	1645	210/773,774.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:39

S139	57	210/773,774.ccls. and (("2008" or "2007").pd. or ("2008" or "2007").py.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 10:40
S140	26	210/773,774.ccls. and (("2008" or "2007").pd. or ("2008" or "2007").py.)	USPAT	ADJ	ON	2008/11/19 10:41
S141	1025	210/773,774.ccls.	USPAT	ADJ	ON	2008/11/19 10:42
S142	125	210/772-774.ccls. and (molten or liquid) near5 (metal or sodium or alkali or magnesium or calcium or barium or potassium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 10:53
S143	2031	(William near2 Martin).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:20
S144	653	S143 and reduc\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:20
S145	3	S143 and (C22B\$8.ipc. or "75".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:21
S146	590	266/227.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:22

S147	375	S146 and (separat\$4 or filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:22
S148	5	(Piet near2 Huisjes).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:25
S149	0	(Johannes near2 van der Meer).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/19 11:26
S150	9	"3212282"   "3232069"   "3628341"   "4332599"   "6224648"   "6495044"   "6780206").PN. OR ("7425273").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:26
S151	6	(6224648 3628341 3232069 3212282).pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:27
S152	35	S151 or S137	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:27
S153	38	S152 or S150	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/19 11:27

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L59	352	armstrong and (titanium or ti!) same (separat\$4)	USPAT; UPAD	ADJ	ON	2009/07/23 16:55
L61	391	75/613,614,616,617,620,407,408.ccls.	USPAT; UPAD	ADJ	ON	2009/07/23 16:56
L62	62	205/398.ccls.	USPAT; UPAD	ADJ	ON	2009/07/23 16:56
L63	2650	210/767,768,770,772,773,774.ccls.	USPAT; UPAD	ADJ	ON	2009/07/23 16:56
L64	185	(L61 or L62 or L63) and (titanium or ti!) and (separat\$4)	USPAT; UPAD	ADJ	ON	2009/07/23 16:57

**7/ 23/ 2009 5:00:15 PM**

**C:\ Documents and Settings\ mshevin\ My Documents\ EAST\ Workspaces\ 10-526918-RCE.wsp**